

III. HOMOGENEOUS DATA

B. URANIUM-235 SYSTEMS

1. Correlation Between Calculation and Experiment
2. H/U versus Uranium g/l Relationship
3. Critical Sphere Dimensions

Earlier graphs within these divisions have the percentage by weight of the major fissile isotope (U-235) as the fourth identification number (e.g., III.B.3.97-2 would signify the second graph showing data for uranium containing 97 weight percent U-235). Because the use of fractional percentages made the page number difficult to read, later graph identification has been changed to set off the weight percent by parentheses, III.B.3(97)-2, in the interest of clarity.

4. Critical Cylinder Dimensions
5. Critical Slab Dimensions
6. Critical Mass - Sphere
7. Critical Mass per Unit Height - Cylinder
8. Critical Mass per Unit Area - Slab
9. Critical Volume
10. Material Bucklings and Infinite Multiplication Factor